Form 3160-3 (December 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLET TE*
(Other instructions on reverse side)

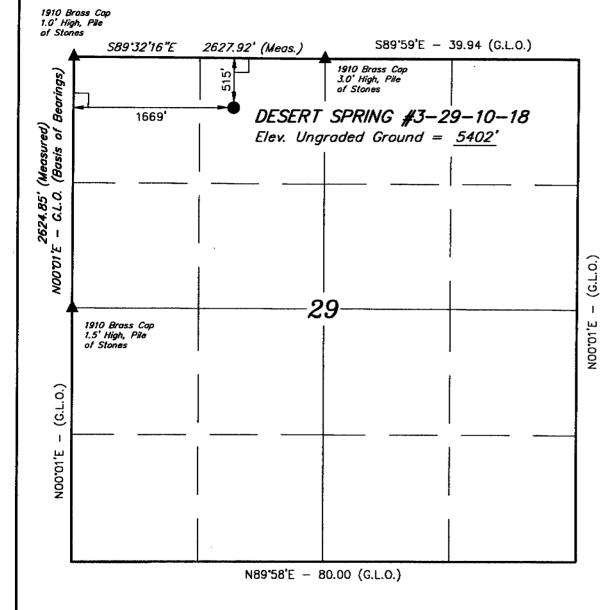
Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

	BUREAU OF LAND MANAGEMENT	
APPLICA	TION FOR PERMIT TO DRILL OR DEEDS	=N

5. LEASE DESIGNATION AND SERIAL NO. U-74836

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				6. IF INDIAN, ALLOTTES	OR TRIBE NAME		
DRILL DEEPEN				7. UNIT AGREEMENT N N/A	AMB		
b. TYPE OF WELL OIL XX GAS SINGLE MULTIPLE ZONE ZONE ZONE				8. FARM OR LEASE NAME, WE			
2. NAME OF OPERATOR	ELL OTHER			ONE LJ ZONE			± #3~29-10-18
	Associates, Inc		(3	03) 295-0400		9. AH WELL NO.	5 73 27 10-10
3. ADDRESS AND TELEPHONE NO.	Associates, Inc					or rainedam.	
475 Sevente	anth Stract C.	*** 1000 T	١	ao 80202		10. FIELD AND POOL, O	* WILDCAT
4. LOCATION OF WELL (Re	enth Street, Su	in accordance wit	Denve	F, GU 80202 State requirements.*)		Desert Sprin	
AT SUPIACE				,		11. SEC., T., R., M., OR	
At proposed prod. son	FNL 1669' FEL 609 FWL					AND SURVEY OR AS	34
14. DISTANCE IN MILES A	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFIC	R*		Sec. 29, T10:	S, R18E, SLB&M
	p "A" (attached			_			!
15. DISTANCE FROM PROPU	SED*	<u> </u>	16. NO	O. OF ACRES IN LEASE	17. NO. C	Uintah of ACRES ASSIGNED	_Utah
PROPERTY OF LEASE L	INE, FT.	9581	 	640		HIS WELL 40	
(Also to nearest drig 18. DISTANCE FROM PROP			19. PI	OPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS	
TO NEAREST WELL, DO OR APPLIED FOR, ON THE	RILLING, COMPLETED,	2000'		4900'	ĺ	Rotary	
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)	•	•	<u> </u>		22. APPROX. DATE WO	RE WILL START
5402' GR						A.S.A.P	•
23.		PROPOSED CAS	NG AN	D CEMENTING PROGRAM	ı		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER F	00T	SETTING DEPTH	,	QUANTITY OF CEME	IT
12 1/4"	8 5/8"	24#		250'	(See	attached dril	ing plan)
7 7/8"	5 1/2"	15.5#		4900'	(See	attached dril	ing plan)
3. Rum 4. If 5. We I here to concactivi Bond #	ill to T.D. 4900 n 5 1/2" casing dry hole, well ll will be drill by certify that duct lease operaties is being poly 124290364 with	if commeri will be pl led with wa I am respo ations. Bo rovided by CNA.	ugge iter; onsib ond c Chan	production is ind and abandoned KCL water; LSNI le by the terms overage pursuant dler & Associate a on present productive tone and depths. Give blowout per let all depths.	as ins and co to 43	structed by the seded to T.D. onditions of the screen state of th	ne lease
SIGNED MAG	. Henline	ті	TI.E	Agent		DATE AUG.	3. 1998
(This space for Fede		<u></u>					
PERMIT NO.	43-047-3316	2		APPROVAL DATE			
Application approval does	not warrant or ca <u>litifuthat thoses</u>	plicant helde less) or o	quitable t	itle to those rights in the subject l	case which w	vould entitle the applicant to o	onduct operations thereon.
CONDITIONS OF APPROVA	L IF ANY: Action is N		Andrew Pri				
APPROVED BY	Dal III			BRADLEY G. HI LAMATION SPECIA		DATE 8 19	98
	A			On Reverse Side			(

T10S, R18E, S.L.B.&M.



LEGEND:

___ = 90° SYMBOL

= PROPOSED WELL HEAD.

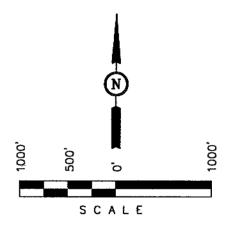
= SECTION CORNERS LOCATED.

CHANDLER & ASSOCIATES, INC.

Well location, DESERT SPRING #3-29-10-18, located as shown in the NE 1/4 NW 1/4 of Section 29, T10S, R18E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK LOCATED IN THE SE 1/4 OF SECTION 32, T9S, R18E, S.L.B.&M. TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.



CERTIFICATE

GISTERED DAY SURVEYOR GISTRATION NA Y 161319

UINTAH ENGINEERING & KANDEL SARVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'			DATE SURVEYED:	DATE DRAWN:	
' =	1000		07-20-98	07-22-98	
PARTY			REFERENCES		
K.K.	T.A.	D.R.B.	G.L.O. PLAT		
WEATHER			FILE		
WARM			CHANDLER &	ASSOCIATES, INC.	

CHANDLER & ASSOCIATES, INC. DRILLING PLAN FOR THE DESERT SPRING #3-29-10-18

I. <u>DRILLING PLAN:</u>

- 1. Geological Surface Formation: Uintah
- 2. Estimated Tops:

<u>Name</u>	<u>Top</u>	Prod. Phase Anticipated
Green River Uteland Butte Wasatch	1350' 4450' 4650'	Gas/Oil Gas/Oil

3. CASING PROGRAM:

	Hole Depth Size	Csg. Size	Type	Weight
Surface	250' 12-1/4"	8-5/8"	J-55 (ST&C)	24#/ft (new)
Prod.	4900' 7-7/8"	5-1/2"	K-55 (LT&C)	15.5#/ft (new)

- 4. Operator's Specification for Pressure Control Equipment:
 - A. 2,000 psi W.P. Double Gate BOP or Single Gate BOP (Schematic attached).
 - B. Functional test daily.
 - C. All casing strings shall be pressure-tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
 - D. All ram-type precentors and related control equipment shall be tested at the rated working pressure of the stack assembly or at 70 percent of the minimum internal yield pressure of the casing, whichever is less. Tests shall be done at the time of installation, prior to drilling out, and weekly. All tests shall be for a period of 15 minutes.

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5. <u>Auxiliary Equipment:</u>

- A. Kelly Cock yes.
- B. Float at the bit no.
- C. Monitoring equipment on the mud system visually.
- D. Full opening safety valve on rig floor yes.
- E. Rotating head yes.

6. Proposed Circulating Medium:

Density

Depth Mud Type (lb./gal) Viscosity Water Loss

0'- T.D. Water; KCL Water; LSND as needed

7. Testing, Logging, and Coring Program:

- A. Cores None anticipated.
- B. DST none anticipated.
- C. Logging CNL/FDC PE GR CAL (TD to base of surface casing).
 Induction SP (TD to base of surface casing).

- Formation and Completion Interval: Uteland Butte member of the Green River interval, final determination of completion will be made by analysis of logs.
 Stimulation Stimulation will be designed for the particular area of interest as encountered.
- E. Frac gradient approximately .80 psi/ft.

8. <u>Cementing Program:</u>

Casing	<u>Volume</u>	Type & Additives
Surface	180 sx	Class "G" w/2% CaCl ₂ (based on 100% access)
Production	800 sx*	450 sx "Lite" followed by 415 sx 50/50 poz. mix.

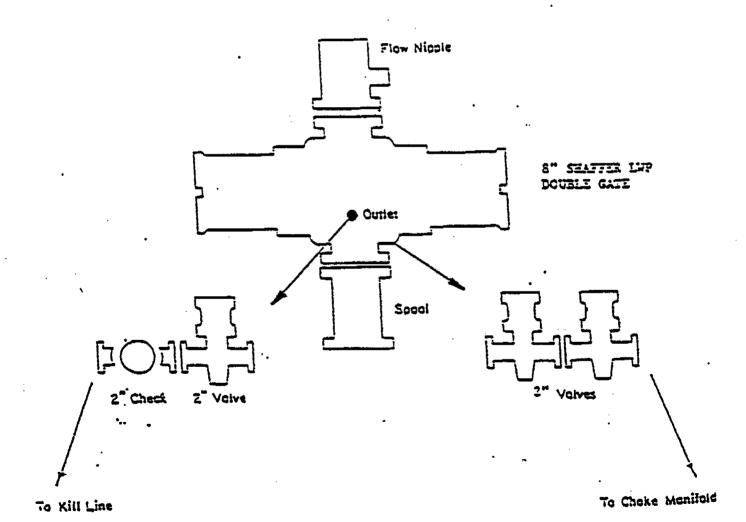
Cement Characteristics:

Class "G" - yield = 1.18 cu.ft. per. sack weight = 15.8 lb./gal strength = 3200 psi in 72 hrs @135 degrees

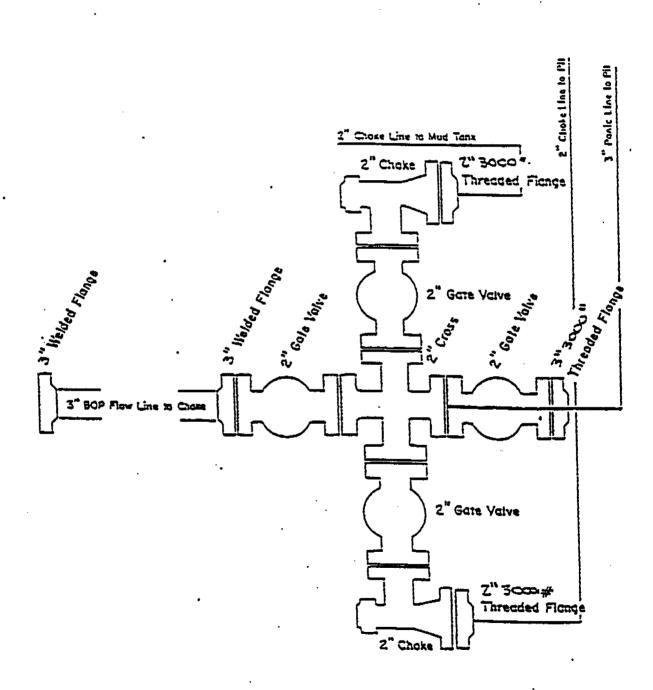
^{*} Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

9. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 1,600 psi (calculated at 0.327 psi/ft) and maximum anticipated surface pressure equals approximately 522 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).



CHANDLER DRILLING RIG NO.7



II. SURFACE USE PLAN CHANDLER & ASSOCIATES, INC. DESERT SPRING #3-29-10-18

1. Existing Road:

- A. Topo Map "A" is the vicinity map, showing the access routes from Myton, Utah.
- B. Topo Map "B" shows the proposed access road to each individual well. It also shows existing roads in the immediate area.
- C. Occasional maintenance blading and storm repairs will keep roads in good condition.
- D. There shall be no mud blading on the access road. Vehicles may be towed through the mud provided they stay on the roadway.

2. Planned Access Roads:

The proposed access road, will be crowned, ditched, and dipped.

- A. Maximum grade will be 8% or less, unless otherwise stated.
- B. No turnouts will be required.
- C. Road surface material will be that native to the area.
- D. No cattle guard will be required.
- E. The proposed access road was flagged at the time the location was staked.
- F. The area authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.

G. The back slopes of the proposed access roads will be no steeper than vertical or 1/4:1 in rock; and 2:1, elsewhere.

The operator or his contractor will notify the areas authorized officer at least 48 hours prior to commencement of any work on these locations, roadways, or pipelines.

3. <u>Location of Existing Wells:</u>

See Topo Map "C"

- 4. <u>Location of Existing and/or Proposed Facilities:</u>
 - A. All Petroleum Production Facilities are to be contained within the proposed location sites.
 - B. In the event that production of these wells is established, the following will be shown:
 - 1. Proposed location and attendant lines, by flagging, if off well pad.
 - 2. Dimensions of facilities.
 - 3. Construction methods and materials.
 - C. The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable, then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.
 - D. All permanent facilities placed on the locations shall be painted a non-reflective color which will blend with the natural environment.
 - E. A dike shall be constructed around the tank battery, of sufficient capacity to adequately contain at least 110 percent of the storage capacity of the largest tank within the dike.
 - F. All buried pipelines shall be covered to a depth of 3 feet except at road crossings where they shall be covered to a depth of 4 feet.

- G. Construction width of the right-of way/pipeline route shall be restricted to 30 feet of disturbance.
- H. Pipeline location warning signs shall be installed within 90 days upon completion of construction.

5. <u>Location and Type of Water Supply:</u>

Water will be obtained from a Spring located in Section 34, T3S, R2W, U.S.B.&M. which is Operated by Nebeker Trucking (Permit #43-1723) and transported by Nebeker Trucking Co. along the access roads which are shown on the attached maps.

6. Source of Construction Materials:

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All disturbance for this well site is located on B.L.M. Lands.

All Construction material for these location sites and access roads shall be borrow material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, but if it is required, the appropriate actions will be taken to acquire it from private sources.

7. <u>Methods for Handling Waste Disposal:</u>

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids will be contained in the reserve pit.
- C. Any hydrocarbon liquids produced while production testing will be contained in a test tank. Any unavoidable spills of oil or other adverse substances or materials will be removed immediately during drilling

progress or during completion operations.

D. Portable chemical toilets will be provided and serviced by a local commercial sanitary service.

E. Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.

All wastes caused by the construction activities shall be promptly removed and disposed of in a sanitary landfill or as directed by the authorized officer.

F. Prior to commencement of drilling, the reserve pit will be fenced on three sides using 39-inch net wire with at least one (1) strand of barbed wire. All wire is to be stretched before attaching to corner posts. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). After drying, the fences will be removed and the pit shall be buried. Reclamation will be undertaken no later than the fall of the year after all drilling activity has ceased.

8. Ancillary Facilities:

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on the location layout.

9. Well Site Layout:

- A. See attached cutsheet.
- B. The areas authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- C. The reserve pit will be lined with a 12ml. liner prior to any drilling activity.
- D. Topsoil shall be stripped to a depth of 6 inches and stockpiled as shown on the location layout plat. (Windrow along north side of pad).
- E. The back slopes of the locations will be no steeper than vertical or 1/4:1 in rock, and 2:1 elsewhere.
- F. The upper edges of all cut banks on the access roads and well pads will be rounded.

10. Plans for Restoration:

- A. Immediately upon completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- B. Before any dirt work to restore the location takes place, the reserve pit must be completely dry. The reserve pit will be reclaimed within 90 days from the date of well completion.
- C. The area officer shall be notified at least 48 hours prior to commencing reclamation work.
- D. All disturbed areas will be seeded with the a mixture which is found suitable by the B.L.M.
- E. The seed bed will be prepared by discing, following the natural contour.

 Drill seed on contour at a depth no greater than ½ inch. In areas that cannot be drilled, the seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed is recommended.
- F. Fall seeding will be completed after September, and prior to prolonged ground frost.
- G. If the well is a producer, access roads will be upgraded and maintained as necessary to prevent soil erosion, and accommodate year round traffic. Areas unnecessary to operations will be reshaped, topsoil distributed, and seed distributed according to the above mixtures. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

- H. If the well is abandoned or is a dry hole, the access road and location will be restored to approximate the original contours. During reclamation of the site the fill material will be pushed into cuts and up over the backslope. No depressions will be left that would trap water or form ponds. Topsoil will be distributed evenly over the location and seeded according to the above mixture. The access road and the location shall be ripped or disced prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- I. Annual or noxious weeds shall be controlled on all disturbed areas. Method of control shall be by an approved mechanical method or an Environmental Protection Agency (EPA) registered herbicide. All herbicide application proposals must be approved. Application of herbicides must be under direct field supervision of an EPA certified pesticide applicator.

11. Other Information:

A. The area is used by man for the primary purpose of grazing domestic livestock.

All activity shall cease when soils or road surfaces become saturated to a depth of three inches, unless otherwise approved by the Authorized Officer.

If any fossils are discovered during construction, the operator shall cease construction immediately and notify the Authorized Officer so as to determine the significance of the discovery.

- B. A Class III cultural resource inventory has been completed prior to disturbance by a qualified professional Archaeologist.
- C. The State considers the development of groundwater resources to be necessary and frequently indispensable to effective land management. Therefore, any groundwater intercepted by the party conducting mineral exploration shall be reported to the authorized officer immediately including approximate quantities and a sample in a sealed quart container. The State shall have the first opportunity to file State water rights for the intercepted groundwater. The undersigned may file for water rights only with a written waiver from the State.

D. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National Register of Historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and a time frame for the AO to complete an expedited review under 36 CFR 800-11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, an operator will then be allowed to resume construction.

E. Less than 10,000 pounds of any chemical(s) from EPA's Consolidated list of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, and less than threshold planning quantity (TPQ) of any extremely hazardous substances(s), as defined in 40 CFR, would be used, produced, transported, stored, disposed, or associated with the proposed action.

12. Lessee's or Operator's Representative:

Mr. Terry J. Cox Vice President of Operations/Production Chandler & Associates, Inc. 475 Seventeenth Street Suite 1000 Denver, Colorado 80202 Telephone #(303)295-0400

13. Certification:

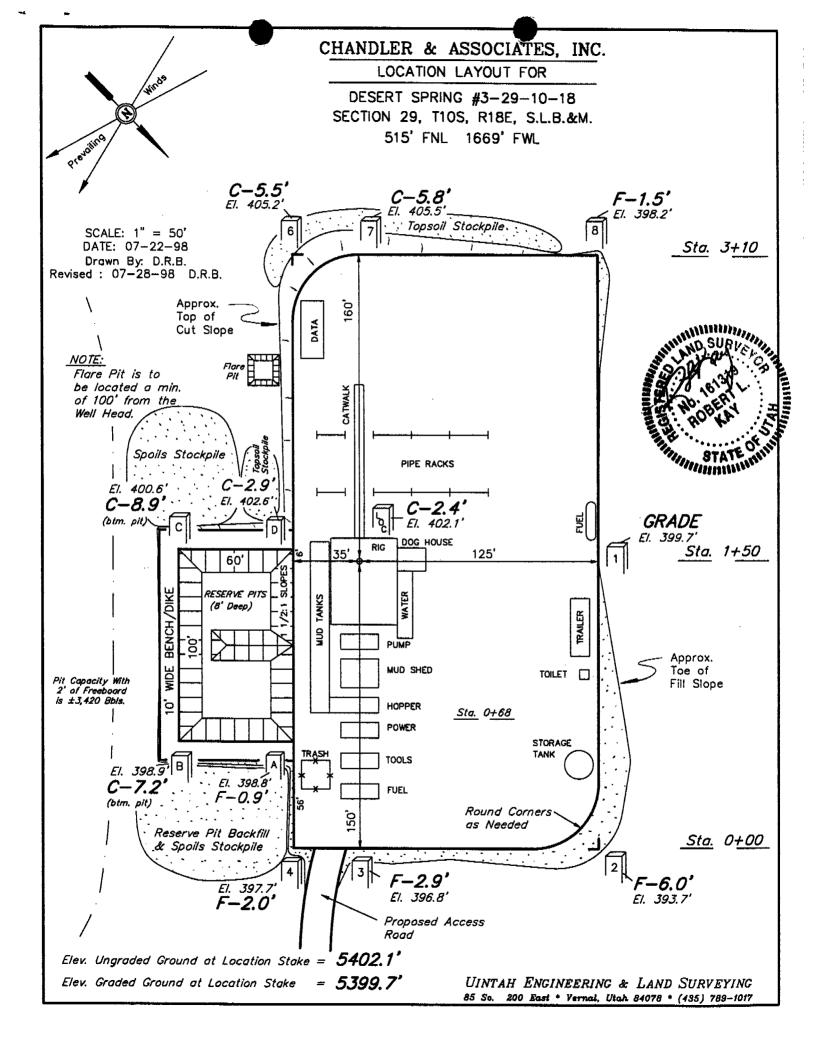
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite(s) and access route(s); that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by **Chandler & Associates, Inc.**, and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

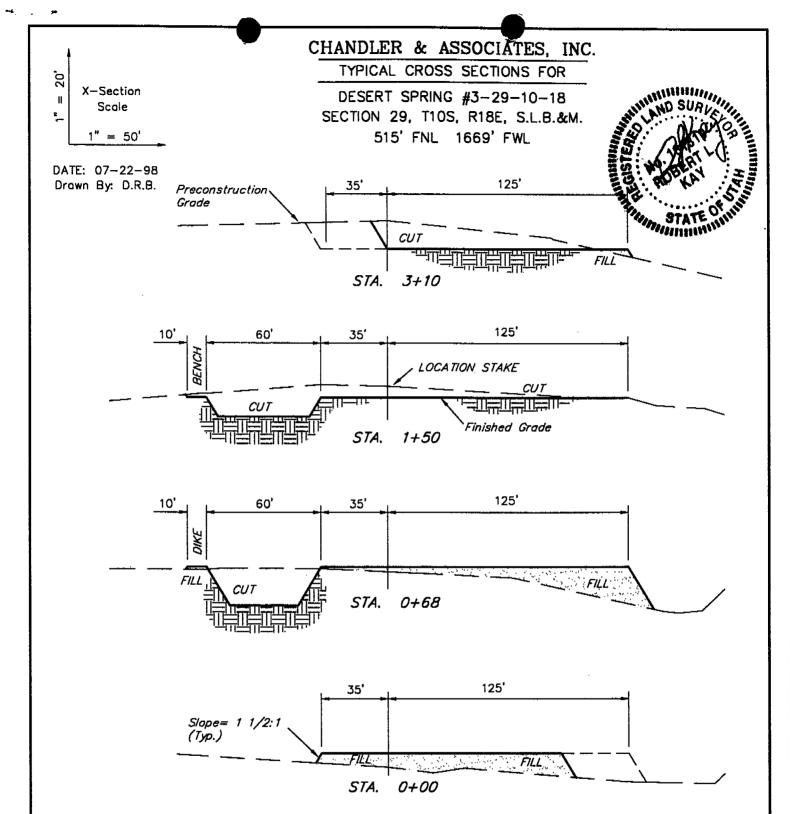
This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.

3-98 Date

Tracy D. Henline

Agent





APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,030 Cu. Yds.

Remaining Location = 3,640 Cu. Yds.

TOTAL CUT = 4.670 CU.YDS.

FILL = 2,860 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 1,660 Cu. Yds.

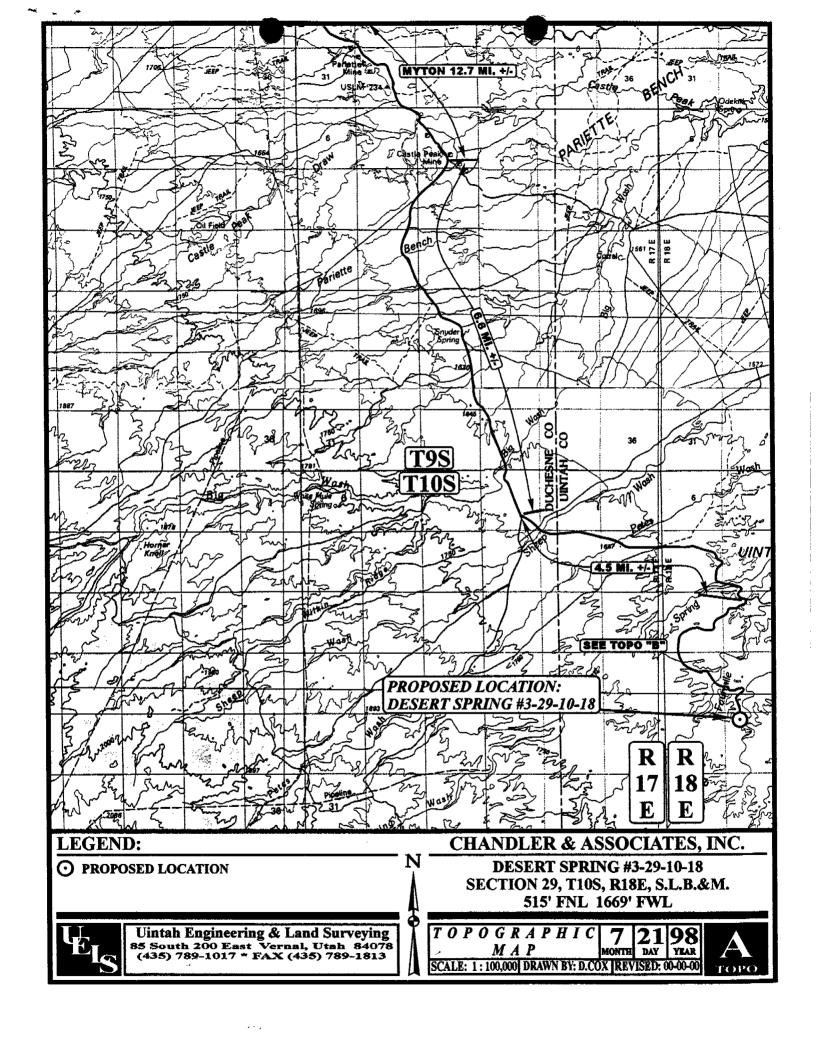
Topsoil & Pit Backfill = 1,660 Cu. Yds.

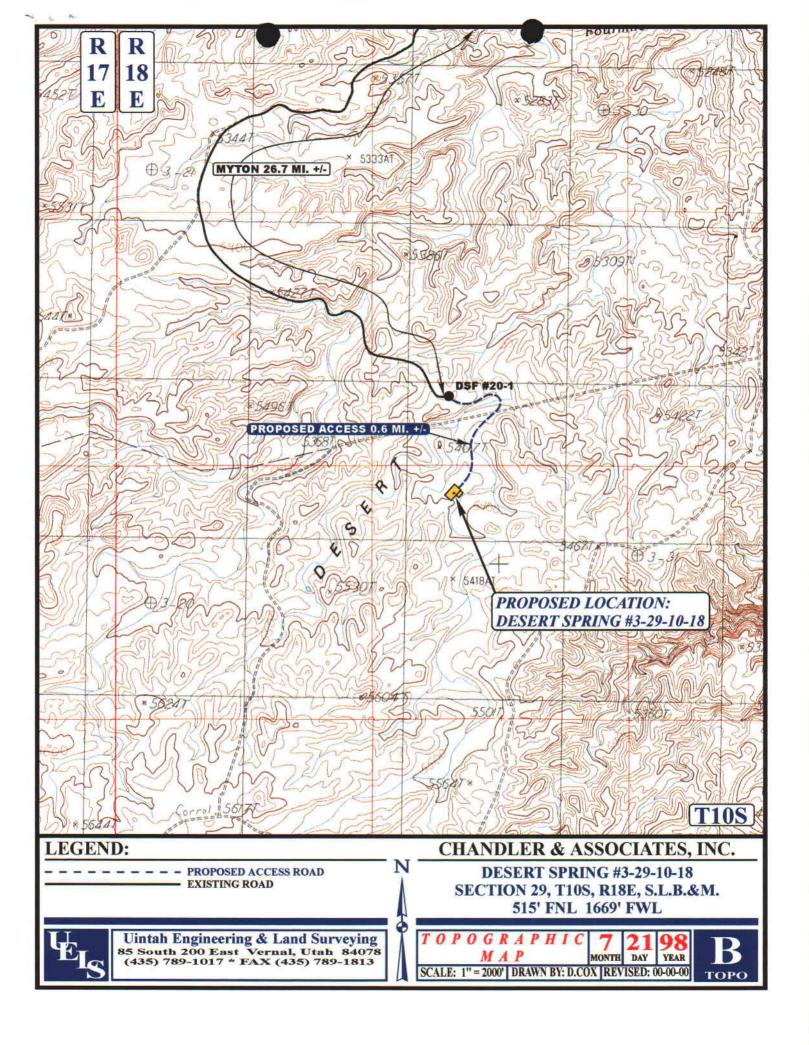
(1/2 Pit Vol.)

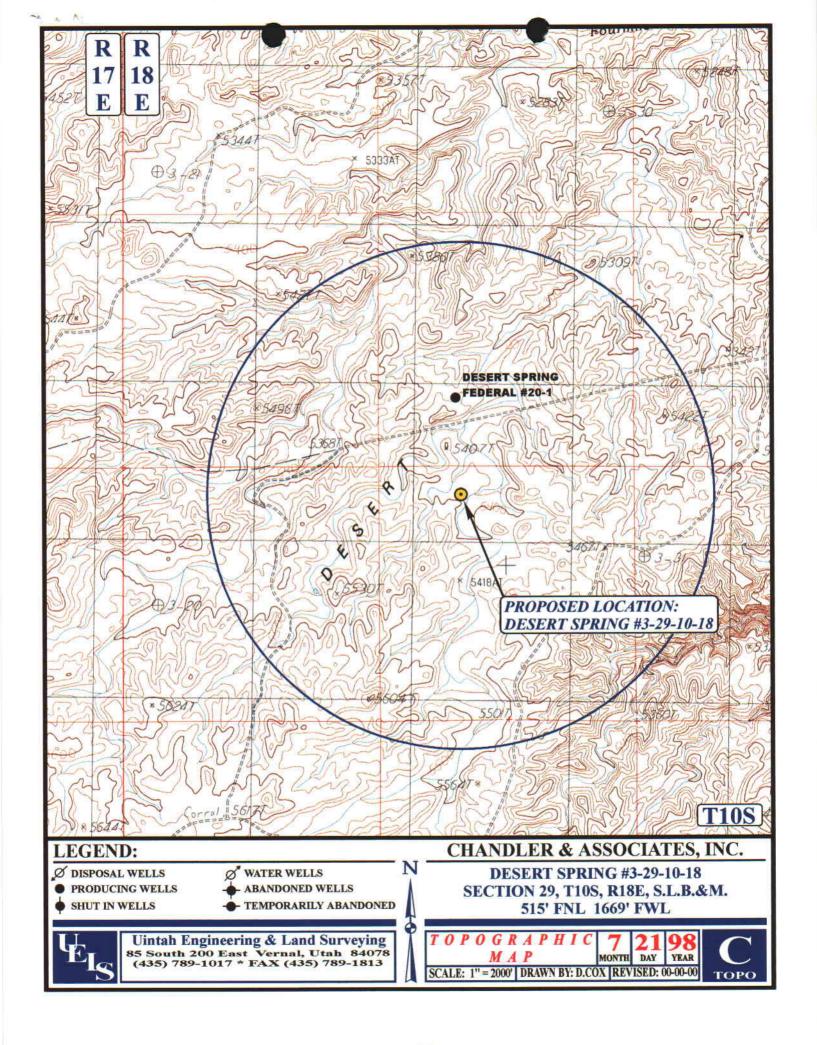
EXCESS UNBALANCE = 0 Cu. Yds.

(After Rehabilitation)

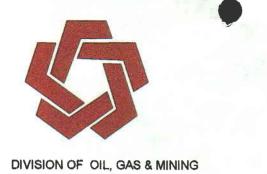
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017







APD RECEIVED: 08/04/98	API NO. ASSIGNED: 43-047-33162				
WELL NAME: DESERT SPRING 3-29-10-18 OPERATOR: CHANDLER & ASSOCIATES INC CONTACT: Treey Hentine Terry (ax (3)	C (N3320) B) 295-0400				
PROPOSED LOCATION: NENW 29 - T10S - R18E SURFACE: 0515-FNL-1669-FWL BOTTOM: 0515-FNL-1669-FWL UINTAH COUNTY WILDCAT FIELD (001) LEASE TYPE: FED LEASE NUMBER: U-74836 SURFACE OWNER: Federal PROPOSED FORMATION: WSTC	INSPECT LOCATION BY: // TECH REVIEW Initials Date Engineering Geology Surface				
RECEIVED AND/OR REVIEWED: Plat Bond: Federal M State[] Fee[] (No. 124190364 N Potash (Y/N) N Oil Shale (Y/N) *190-5(B) Water Permit (No. 43-1723 N RDCC Review (Y/N) (Date:) N/A St/Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit R649-3-2. General R649-3-3. Exception Drilling Unit Board Cause No: Date:				
COMMENTS: * Need add' Info. "Exce	pt. foc". (Red 8-14-98)				
STIPULATIONS: () FEDERAL APP	PROUNT				
	· ·				



OPERATOR: CHANDLER & ASSOCIATES (N3320)

FIELD: WILDCAT FIELD (001)

SEC. 19, 20, & 30, TWP 10S, RNG 18E

COUNTY: UINTAH UAC: R649-3-2 STATEWIDE SPACING

		UTELANI BUTTE FIELD
19	20	21
D. SPG . 16-19-10-18		
	© D. SPG. 3-29-10-18	
D. SPG. 7-30-10-18	29	28
31	32	33
	×××××	
T10S R18E		

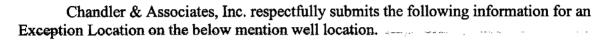
August 13, 1998

State of Utah Division of Oil Gas & Mining

Re: Letter of Exception Location

Attn: Lisha Cordova

Dear Lisha:



The Desert Spring #3-29-10-18 located 515' FNL 1669' FWL of Section 29, T10S, R18E, S.L.B.&M. was moved out of the window due to the topographic relief and an existing drainage which is present on the east side of the well pad. We have moved the well to the first available area which will be suitable to construct. Chandler & Associates is the Lease Holder (UTU-74836) for the NW 1/4 of said section 29 & NW 1/4 & S ½ of section 20, T10S, R18E, S.L.B.&M.

DIV. OF OIL, GAS & MINING

If you have any questions concerning this matter please feel free to call me at (435) 789-1017.

Thank you for your attention to this matter,

Tracy D. Henline

Agent for Chandler & Associates, Inc.

cc: Terry J. Cox

¥980820 T. Henline 100% Surt. Owner Sec. 29 "Federal" for



Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

Michael O. Leavitt
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax)

August 19, 1998

Chandler & Associates, Inc. 475 Seventeenth Street, Suite 1000 Denver, Colorado 80202

Re: <u>Desert Spring #3-29-10-18 Well, 515' FNL, 1669' FWL, NE NW, Sec. 29, T. 10 S., R. 18 E., Uintah County, Utah</u>

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33162.

Sincerely,

∮ohn R. Baza Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Chandler & Associates, Inc.					
Well Name & Number:	Desert Spring #3-29-10-18					
API Number:	43-047-33162					
Lease:	U-74836					
Location: NW SW	Sec. 14 T. 8 S. R. 22 E.					

Conditions of Approval

- 1. General
 - Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
- 2. Notification Requirements
 Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

- 3. Reporting Requirements
 All required reports, forms and submittals shall be promptly
 filed with the Division, including but not limited to the
 Entity Action Form (Form 6), Report of Water Encountered
 During Drilling (Form 7), Weekly Progress Reports for
 drilling and completion operations, and Sundry Notices and
 Reports on Wells requesting approval of change of plans or
 other operational actions.
- 4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter

1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) Division Director 801-538-7223 (TDD)

September 1, 1998

REVISED APD

Chandler & Associates, Inc. 475 Seventeenth Street, Suite 1000 Denver, Colorado 80202

Re: Desert Spring 3-29-10-18 Well, 515' FNL, 1669' FWL, NE NW, Sec. 29, T. 10 S., R. 18 E., <u>Uintah County</u>, <u>Utah</u>

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM by Chandler & Associates, Inc. and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33162.

Sincerely,

ssociate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Chandler & Associates, Inc.							
Well Name & N	umber: _	Desert Spring 3-29-10-18					
API Number:		43-04	7-33162	2			
Lease:		<u>U-748</u>	36				
Location:	NF NW	Sec.	29	т.	10 S.	R.	18 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING DRILLING INSPECTION FORM

OPERATOR: CHANDLER & ASSOC. INC. COMPANY REP: JIM SIMONTON
WELL NAME DESERT SPRING 3-29-10-18 API NO 43-047-33162
QTR/QTR: NE/NW SECTION: 29 TWP: 10S RANGE: 18E
CONTRACTOR: CHANDLER DRILLING CO. RIG NUMBER: 7
INSPECTOR: DAVID HACKFORD TIME: 10:30 AM DATE: 9/16/98 SPUD DATE: DRY:9/9/98 ROTARY:11/13/98 PROJECTED T.D.:4900'
OPERATIONS AT TIME OF VISIT: DRILLING 7 7/8" HOLE AT 3455'.
WELL SIGN: Y MUD WEIGHT 8.7 LBS/GAL BOPE: Y
BLOOIE LINE: N FLARE PIT: N H2S POTENTIAL: Y
ENVIRONMENTAL:
RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y
RUBBER: N BENTONITE: N SANITATION: Y
BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y
REMARKS:
250' OF 8 5/8" CASING HAS BEEN SET AND CEMENTED. NIPPLED UP WITH DOUBLE GATE, ANNULAR AND ROTATING HEAD. USING GAS BUSTER. DRILLING WITH MUD MOTOR AND LOW SOLIDS NON-DISPERSED DRILLING MUD. SURVEY AT 3197' WAS 2 DEGREES.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHANDLER & ASSOCIATES	_
Well Name: DESERT SPRINGS 3-29-10-18	_
Api No. 43-047-33162 Lease Type: FEDERAL	
Section 29 Township 10S Range 18E County UINTAH	
Drilling Contractor RIG #	
SPUDDED:	
Date 9/9/98	
Time	
How DRY HOLE	
Drilling will commence	
Reported by J. SYMINGTON	
Telephone #	
Date: 9/8/98 Signed: JLT	

Form 3160-3 (December 1990)

UNITED STATES OFPARTMENT OF THE INTERIOR

(Other instructineverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

	DEPARTMENT		5. LEASE DESIGNATION AND SERIAL NO. 11-74836					
	BUREAU OF L		6. IF INDIAN, ALLOTTED OR TRIBE NAME					
APPLIC	N/A							
APPLICATION FOR PERMIT TO DRILL OR DEEPEN ORILL DEEPEN DEEPEN 6. IF INDIAN, ALLOYING OF REILE NAME N/A							**	
b. TYPE OF WELL		-	SINC	LE COLTIPLE	. — -	S. FARM OR LEASE HAME WELL	NO.	
WELL CAS WELL OTHER ZONE ZONE Desert Spring #3-29-10						# 3-29-10 -18		
2. NAME OF OPERATOR	•		(30	3) 295-0400	t	9. AH WELL NO.	11 -	
Chandler & Associates, Inc. 10 FIND AND POOL OR WILDCAT								
1000 Denver CO 80202								
4. LOCATION OF WELL (Report location clearly and in accordance						11. MBC., T., R., M., OB BLE. AND SURVEY OR AREA		
At surface 515' FNL 1669' FEL								
At proposed prod. zone			Sec. 29, T10S	, R18E, SLB&M				
14. DISTANCE IN MILES A	D DIRECTION FROM NEAR	ST TOWN OR POS	T OFFICE	•		12. COUNTY OR PARISH		
	"A" (attached)				17 NO 9	Uintah F ACRES ASSIGNED	Utah	
15. DISTANCE FROM PROPOS LOCATION TO NEAREST	IED*		10. 10. 11			TO THIS WALL		
PROPERTY OR LEASE LE (Also to pearwat drig.	Strand in Strait	958'	10 77	640 9. PROPOSED DEPTH 20. BO		TARY OR CABLE TOOLS		
18. DISTANCE FROM PROPO	SED LOCATION*	2000 "	19. 14	4900'	Rotary			
OR APPLIED FOR, ON THE	- LEAST-, 74.		1		1	22. APPECK. DATE WO		
21. ELEVATIONS (Show when 5402 GR	ther Dr. Kl. do. we./					A.S.A.P.	•	
23.		PROPOSED CAS	ING ANI	CEMENTING PROGRA	М		<u></u>	
SIZE OF ROLE	GRADE, SIZE OF CASHO	WEIGHT PER	POOT	SETTING DEPTH	·	QUANTITY OF CEME		
12 1/4"	8 5/8"	24#		250'	(See	attached dril	ling plan)	
7 7/8"	5 1/2"	15.5#		4900'	(See	ee attached drilling plan)		
				}		RICEL	VED	
	1	•	•					
1. M.I.R.U. AUG 0 4 1998								
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4. If 5. We	dry hole, well 11 will be dril	led with w	ater;	KCL water; LS	D as T	needed to T.D.		
							he lease	
I here	by certify that duct lease oper	I am rest	onsit	le by the term	nt to 4	43 CFR 3104 for	lease	
	duct lease oper ties is being p							
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				15016		.009		
				117/1	SEP '	17 1998	\	
	BE PROPOSED PROGRAM: rtineit data on subsurface locat			וומוו	251	Guardina	proposal is to drill or	
IN ABOVE SPACE DESCRI	BE PROPOSED PROGRAM:	If proposal is to deep	en, give d nd true ver	ata on present problem is 201 tical depths. Give blowous pre	resume broke	STALLAND		
deepen directionally, give pe	rtinent data on subsurface locat	IOIS AILI GALLETTE		law	OF OIL	,, 0,,,		
24.		•		Agent		DATE AUG	<u>3. 1998</u>	
amay Tracy	D. Henrike		TITLE					
(This space for Fe	deral or State office use)	A COLUMN		APPROVAL BATE		WAI ATTA	CHED	
PERMIT NO.	MERROVAL	الساق المالي مي	1 3 400	APPROVAL BATE	R C->	by and antitle the applicant t	o conduct operations thereo	
Application approval do	es not warrant or certify that the	applicant holds legal	or equitab	le title to those rights in the subj	ect lesse with	IN ADMIT COMPANY OF SPECIAL SP	-	
CONDITIONS OF AFFRO	VAL IF ANY:	· A-1	/	Assistant Field Ma		- 1	100	
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COAs Page 1 of 8 Well No.: Desert Spring 3-29-10-18

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Chandler & Associates, Inc.
Well Name & Number: Desert Spring 3-29-10-18
API Number: <u>43 - 047 - 33162</u>
Lease Number: U - 74836
Location: NENW Sec. 29 T. 10S R. 18E

NOTIFICATION REQUIREMENTS

NOTIFICATION REQUIREMENTS						
Location Construction	-	at least forty-eight (48) hours prior to construction of location and access roads.				
Location Completion	-	prior to moving on the drilling rig.				
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.				
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.				
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.				
First Production Notice	-	within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.				

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 8

Well No.: Desert Spring 3-29-10-18

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office **prior to** setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

COAs Page 3 of 8 Well No.: Desert Spring 3-29-10-18

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone, identified at 1,665 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aguifers.

5 .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

COAs Page 4 of 8 Well No.: Desert Spring 3-29-10-18

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

COAs Page 5 of 8 Well No.: Desert Spring 3-29-10-18

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COAs Page 6 of 8 Well No.: Desert Spring 3-29-10-18

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 789-7077

Petroleum Engineer

Wayne P. Bankert (435) 789-4170 Petroleum Engineer

Jerry Kenczka (435) 781-1190 Petroleum Engineer

BLM FAX Machine (435) 781-4410

COAs Page 7 of 8 Well No.: Desert Spring 3-29-10-18

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 8 of 8

Well No.: Desert Spring 3-29-10-18

SURFACE USE PROGRAM

Location of Existing and/or Proposed Facilities

All production facilities shall be painted an earthtone Desert Brown (10YR 6/3) to blend with the surrounding vegetation within six (6) months of well completion.

The material for construction of the containment dike around the tank battery shall be nonpermeable subsoils and at no time shall top soils be used for this construction.

If a pipeline is requested for this location additional authorization will be necessary.

Plans For Reclamation Of Location

All seeding for reclamation operations at this location shall use the following seed mixture:

nuttals saltbush	Atriplex nuttalli v. cuneata	3 lbs/acre
squirreltail	Atriplex canescens	3lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD. A portion of the stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness and the area seeded.

Upon final abandonment if additional recontouring is needed for previously reclaimed areas, the topsoil shall be removed prior to the final recontouring.

For final abandonment all topsoil shall be spread over the recontoured surface and the soils seeded.

The ferruginous hawk, which uses this area, is listed on the Utah BLM Sensitive Species List. If possible, surface disturbance and/or dirlling should not occur from March 1 through July 15 which is the nesting season for the hawk.



CHANDLER & ASSOCIATES, LLC

475 17TH ST. SUITE 1000 DENVER, COLORADO 80202 303 295-0400

OIL & GAS EXPLORATION AND PRODUCTION

FAX 303 295-0222

October 9, 1998

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

STATE OF UTAH
Divison of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RE: Well Information Confidentiality

Chandler & Associates, Inc., as operator of the well listed below, respectively requests that all information and logs regarding this well be held confidential.

Desert Spring #3-29-10-18 NENW Section 29, T10S R18E Uintah County, Utah API #43 047 33162

Should you have any questions or need any additional information, please feel free to contact me at (303) 295-0400.

Sincerely,

Thomas D. Taylor Production Geologist

	CONFI	neing:	AFE OF	UTAH		(d d d d d d d d d d d d d d d d d d d	"sinuctions on	. !			
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1s. TYPE OF WORK		OIL WELL X		IAS		an le	5		T AGREEME	NT NAME	
NEW WELL X	WORK OVER	DEEP- EN	PL: BA		cure		And the second of the second o	'	ert Sprin		
2. NAME OF OPERATOR Chandler & Ass	ociates, LLC	;			<u>L</u>	A STATE OF THE PARTY OF THE PAR	~J	I	WELL NO. 47-3316	2	
3. ADDRESS AND TELEPH 475 17th Street,		Denver, C	colorado 80	0202 Rai	ngely - 970-	-675-8451			ert Sprin		DCAT
4. LOCATION OF WEL At Surface 515' FN At top prod. Interval repo	لا L, 1669' EE	,		any State requirements.	CONF	IDENTIAL PIRED	0	OR.	C., T., R., M., 6 AREA 29, T10		
At total depth			14. PERMI	T NO.	ON_O=	UED SUP	<u>-</u>	12. CO	JNTY OR PAI	RISH	13. STA
15. DATE SPUDDED 16	6. DATE T.D. REACH	IED	17. DATE COMP	L. (Ready to prod.) 01/13/99	is elevation	5402' GL		B		19. ELEV	/. CASINGI
20. TOTAL DEPTH, MD & T		TD	T.D., MD & TVD	22. IF MULTIPLI HOW MANY		23. INTERVALS DRILLED BY		ROTARY TOO		CABL	E TOOLS
24. PRODUCING INTERVAL Green River - 13	350' - 4620'	693' MD LETION—TOP, E		TVD MD AND TVD)*				0-TI		SURV No	ey made
Green River - 13 26 TYPE PLECTRIC AND C CNL/GR; CBL 23. 1 CASING SIZE/GI	L(s), OF THIS COMP 350' - 4620' OTHER LOGS RUN	WEIGHT, LB/1	BOTTOM, NAME (I	MD AND TVD)*	ORD (Report al HOLE SIZE 12-1/4"	TOP C	F CEMENT, CE	MENTING RECO		No 27. WAS	EY MADE WELL CO
Green River - 13 Green River - 13 GLEEN FLECTRIC AND GENL/GREEN CASING SIZE/GI 8-5/8" J-55	L(s), OF THIS COMP 350' - 4620' OTHER LOGS RUN	LETION-TOP, E	BOTTOM, NAME (I	CASING REC	HOLE SIZE	Cement w	FCEMENT, CE v/180 sks	MENTING RECO Class G Hi-Fill &		SURV No 27. WAS No	WELL CO
24. PRODUCING INTERVAL Green River – 13 25. TYPE ELECTRIC AND C CNL/GR; CBL 23. 1	L(s), OF THIS COMP 350' - 4620' OTHER LOGS RUN	WEIGHT, LB/I 24# 15.5#	BOTTOM, NAME (I	CASING REC	HOLE SIZE 12-1/4"	Cement w	/180 sks //200 sks	MENTING RECO Class G Hi-Fill & mix		No 27. WAS NO AMC None None	EY MADE WELL COI
Green River - 13 Green River - 13 6 Type electric and of CNL/GR; CBL 23. CASING SIZE/GI 8-5/8" J-55 5-1/2" J-55	L(s), OF THIS COMP 350' - 4620' OTHER LOGS RUN	WEIGHT, LB/I 24# 15.5#	FT. DE	CASING REC	HOLE SIZE 12-1/4"	Cement w Cement w Cement w 200 sks 5	7/180 sks (7/200 sks (MENTING RECO Class G Hi-Fill & mix	ORD NG RECOR	SURV NO 27. WAS NO AMC None None	WELL CO
24. PRODUCING INTERVAL Green River - 13 25. TYPE FLECTRIC AND G CNL/GR; CBL 23. 1 CASING SIZE/GI 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A NI, PERFORATION RECO	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN RADE TOP (MD)	WEIGHT, LB/I 24# 15.5#	PT. DE	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT*	HOLE SIZE 12-1/4" 7-7/8"	Cement w Coment w 200 sks 3	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz	MENTING RECO Class G Hi-Fill & mix TUBIN DEPTH SET (MD)	ORD NG RECOR 1 4633'	SURV NO 27. WAS NO AMC None None	WELL CO
24. PRODUCING INTERVAL Green River - 13 25. TYPE PLECTRIC AND G CNL/GR; CBL 23. 1 CASING SIZE/OF 8-5/8" J-55 5-1/2" J-55	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN RADE TOP (MD)	WEIGHT, LB/I 24# 15.5#	FT. DE	CASING REC PTH SET (MD) 260' 4750'	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH INT. 4427' - 45	Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz FRACTURI Acid: 50 Frac: 47	MENTING RECONCIONAL CONTROL CO	NG RECORD 4633' QUEEZE, KIND OF MA HC1 40	SURV NO 27. WAS NO AMC None None	WELL CON
24. PRODUCING INTERVAL Green River - 13 26. TYPE ELECTRIC AND G CNL/GR; CBL 23. 1 CASING SIZE/GI 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A N/A N, PERFORATION RECOINTERVAL 4427' - 4580' 4612' - 4620'	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN RADE TOP (MD)	WEIGHT, LB/I 24# 15.5#	PT. DE	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH IN	Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz FRACTURI Acid: 50 Frac: 47	MENTING RECONCIONAL CONTROL CO	NG RECORD 4633' QUEEZE, KIND OF MA HC1 40	SURV NO 27. WAS NO AMC None None	WELL CO:
Green River - 13 26 TYPE PLECTRIC AND GENL/GR; CBL 23. 1 CASING SIZE/GI 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A 81. PERFORATION RECO INTERVAL 4427' - 4580'	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN RADE TOP (MD)	WEIGHT, LB/I 24# 15.5#	FT. DE FT. DE IER RECORD BOTTOM (MD)	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24 32	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH INT 4427' - 45 4612' - 46	Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz FRACTURI Acid: 50 Frac: 47	MENTING RECONCIONAL CONTROL CO	NG RECORD 4633' QUEEZE, KIND OF MA % HC1 40	SURV NO 27. WAS NO AMC None None PAC TERIAL U	WELL CO
24. PRODUCING INTERVAL Green River - 13 25. TYPE ELECTRIC AND G CNL/GR; CBL 23. 1 CASING SIZE/GI 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A N/A N/A N/A N/A N/A N/A N/	L(S), OF THIS COMP 350' - 4620' CTHER LOGS RUN TOP (MD) RD (Interval, size and	WEIGHT, LB/I 24# 15.5#	FT. DE FT. DE IER RECORD BOTTOM (MD)	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24 32 PR 28 lift, pumping—size and ty	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH INT 4427' - 45 4612' - 46	Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz FRACTURI Acid: 50 Frac: 47	MENTING RECONCIONAL CONTROL CO	NG RECORD 4633' QUEEZE, KIND OF MA % HC1 40	SURV NO 27. WAS NO AMC None None PAC TERIAL U	WELL COMMENT PULL KER SET (A
Green River - 13 26 TYPE FLECTRIC AND GENL/GR; CBL 23. 1 CASING SIZE/GR 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A N/A N/A SI, PERFORATION RECOUNTERVAL 4427' - 4580' 4612' - 4620's DATE FIRST PRODUCTION	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN TOP (MD) PO (MD) PRD (Interval, size and HOURS 01/32/99 HOURS	WEIGHT, LB/1 24# 15.5# LIN d number)	FT. DE FT. DE EER RECORD BOTTOM (MD) SIZE	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24 32 PR as lift, pumping—size and ty	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH INT 4427' - 45 4612' - 46 CODUCTION pe of pump) OIL-BBLS. 32	Cement w Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT EERVAL (MD) 580' GAS-MCF.	FRACTURIA Acid: 50 Frac: 55	MENTING RECO Class G Hi-Fill & mix TUBIN DEPTH SET (MD) E, CEMENT S AMOUNT AND 10 0 gals. 15 7,500# 20/4 WATER-BBL.	NG RECORD 4633' QUEEZE, KIND OF MA HC1 40 WELL ST Produ	SURV NO 27. WAS NO AMC None None PAC TERIAL U ATUS (Proc ICING GAS-OIL	WELL COL
Green River - 13 26 TYPE FLECTRIC AND GENL/GR; CBL 23. 1 CASING SIZE/GR 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A 81. PERFORATION RECOUNTERVAL 4427' - 4580' 4612' - 4620' DATE OF TEST FLOW. TUBING PRESS.	L(S), OF THIS COMP 350' - 4620' OTHER LOGS RUN TOP (MD) PO (MD) RADE 1	WEIGHT, LB/J 24# 15.5# LIN d number) PRODUCTION M Pumping TESTED 24 3 PRESSURE 0#	FT. DE FT. DE FT. DE SIZE ETHOD (Flowing, g	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24 32 PR 28 hft, pumping—size and ty PROD'N. FOR CO TEST PERIOD	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH IN 1427' - 45 4612' - 46 RODUCTION pe of pump) OIL—BBLS.	Cement w Cement w 200 sks 3 30. SIZE 2-7/8" ACID, SHOT EERVAL (MD) 580' GAS-MCF.	FCEMENT, CE v/180 sks v/200 sks 50/50 Poz FRACTURI Acid: 50 Frac: 47	TUBIT SET (MD) E, CEMENT S AMOUNT AND I 00 gals. 15 7,500# 20/4 WATER-ABL.	NG RECORD 4633' 4633' WELL ST Produ 10 OIL GRA'	SURV NO 27. WAS NO AMC None PAC PAC TERIAL U ATUS (Proc TERIAL U TERIAL U	WELL COMMENT PULL KER SET (I
Green River - 13 26 TYPE PLECTRIC AND GENL/GR; CBL 23. 1 CASING SIZE/OF 8-5/8" J-55 5-1/2" J-55 29. SIZE N/A 81. PERFORATION RECOUNTERVAL 4427' - 4580' 4612' - 4620' DATE OF TEST FLOW. TUBING PRESS.	TOP (MD) TOP (MD) TOP (MD) TOP (MD) CASING CASING CASING CASING CASING CASING CASING CASING CASING	WEIGHT, LB/J 24# 15.5# LIN d number) PRODUCTION M Pumping TESTED 24 3 PRESSURE 0#	FT. DE FT. DE FT. DE FT. DE FT. DE CHOKE SIZE CALCULATED 24-HOUR RATE	CASING REC PTH SET (MD) 260' 4750' SACKS CEMENT* NUMBER 24 32 PR 28 lift, pumping—size and ty OIL-BBL.	12-1/4" 7-7/8" SCREEN (MD) 32. DEPTH INT 4427' - 45 4612' - 46 CODUCTION pe of pump) OIL-BBLS. 32	Cement w Cement w 200 sks 4 30. SIZE 2-7/8" ACID, SHOT TERVAL (MD) 580' GAS-MCF. 20	FRACTURIA Acid: 50 Frac: 55	MENTING RECO Class G Hi-Fill & mix TUBIN DEPTH SET (MD) E, CEMENT S AMOUNT AND I 00 gals. 15 7,500# 20/4 WATER-BBL. 10 TEST W	NG RECORD 4633' QUEEZE, KIND OF MA HC1 40 WELL ST Produ	SURV NO 27. WAS NO AMC None None PAC PAC ATUS (Procal Cing GAS-OIL)	WELL CON

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TO	P
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
een River	4610 ^t	4620'	LS, Lt-med brn, microxtln, highly foss.	Uintah		Surface
				Green River		1350'
* <u>.</u>		e e ciri translati de la ciri de		Wasatch	- Weight de la company de la c	4620'
		and the state of t			A COLUMN TO THE PROPERTY OF TH	·
	-				Statement of the statem	
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·			DECEIVED			
			FEB 1 6 1999			
	-		DIV. OF OIL, GAS & MINING			·

Chandler & Associates, LLC

Well Name:

Desert Spring 3-29-10-18

Location:

NWNE Sec. 29, T10S, R18E

Field:

Desert Spring

Spud Date:

9-10-98

Completed:

1-13-99

Date:

1-13-99

County:

Uintah

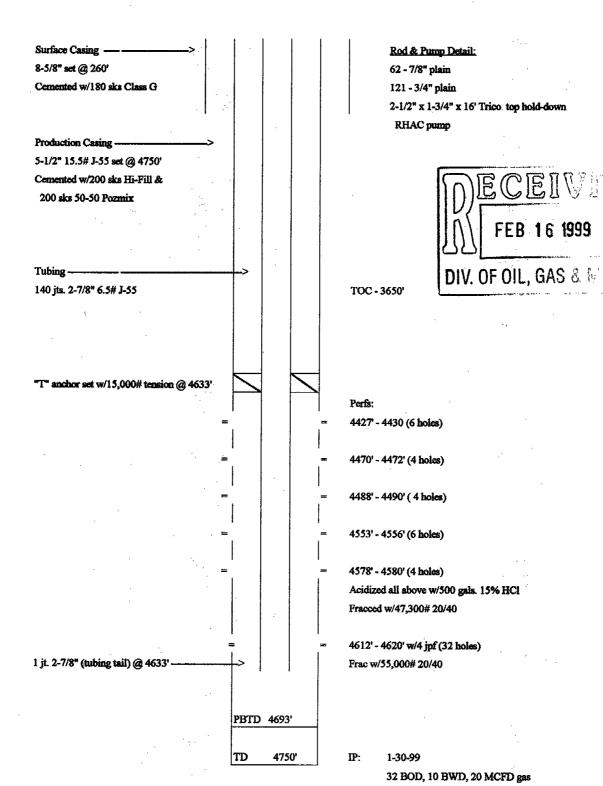
State:

Utah

Elev.-KB:

5414' (12')

Elec.-GR: 5402'



OPERATOR Chandler & Assoc., LIC MANNESS 475 17th Street, Suite 1000 Denver, CO 80202-4016

OPERATOR ACCT. NO. H

CODE 1	CUMBENT EXITIN NO.	HÊN EMTTY HÔ.	APE BUINBER	WELL HAVE			With	PLATIO		-	
					770	Si	TP	JG	COUNTY	SPUO	EFFECT IN
A			43-013-32084	Wilkin Ridge 13-23-10-16	SWSW	23	10s	16E	Duchesne	7-8-98	•
all I U	PHENTS:			•					Duchesile	1 /-0-90	1-12-9
	•										_
3					1						•
. A.		<u> </u>	43-013-3208	W. Desert Spring 11-20-10	NESW	20	10S	17E	Duchesne	7-24-98	1-12-
ELIL 2 CA	M el En15:					<u> </u>	<u></u>	<u> </u>	7	1	<u> </u>
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A											
			43-047-33161	Desert Spring 3-29-10-18	NWNE	29	10S	18E	Uintah -	9-11-98	1-12-9
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Ekt 4 Ci	MIENTE -		43-047-33177	Sage Grouse 12A-14-8-22	NWSW	14	8S	22E	Uintah	10 2 00	
ERC 4 LU	MAJETIN 2:						<u> </u>	CCL.	OTHICALL	10-3-98	1-12-9
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3 (6	racidi3;			-				<u>.</u> .			
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If COMES (See instructions on back of farm)

A — Establish new entity for new well (single well enty)

D — Add new well to existing entity (group or mait well)

C — Re-ession well from one existing entity to another existing entity

D — Re-assign well from one existing entity to a new entity

E — Other (explain in comments section)

HOTE: Use CONMENT section to explain why each Action Code was selected.

Phone Ha. 270 1 675-8451

(3/85)

Oper. Supervisor

1-12-99

Date .

PACE. BOS

8

25 24 21

Phone No. 270 1675-8451

PAGE. 001/001

B001

*** RANGLEY

TO 1005618013593940

STATE OF MEAN GAS AND MENTAG ENTITY ACTION FORH - FORH 4

orenayon Chandler & Assoc., LIC 475 17th Street, Suite 1000 Denver, co 80202-4016

OPERATOR ACCT. NO. <u>#3320</u>

ACTION '	COMMENT	HêN Emilty Hû.	APE SUIMER	WILL HAVE			471 4	DATIO			
					50	<u> </u>	11	NG.	CONTIN	SPUD STAQ	EFFECTIVE
B	99999	12497	43-013-32084	Wilkin Ridge 13-23-10-16	SWSW	23	105	16E	Düchesne	7-8-98	1 12 00
ELL 4 C	maents:		490113 ent	Hy added ; Livest Biver B	end W	rit)	KUR	1,00	Ductiesite	1-0-30	1-12-99
- 2	00000	,	,			,		(CONFIDE	NTIAL	:
T.	99999	12497	43-013-3208	W. Desert Spring 11-20-10	NESW	20	108	17E	Duchesne	7-24-98	1-12-9
ÆLL 2 C	Caments:	9	90113 endity	added; Lwist River Bend	unit	KON		!		<u> </u>	ــــــــــــــــــــــــــــــــــــــ
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A	199999	12523	4 3~04 7 ~33162	Desert Spring 3-29-10-18	NWNE	29	10S	18E	Uintah •	9-11-98	1-12-9
kir 2 c	Arnothi's:		990113 en	tity added KBR		<u> </u>	70	DAIL	DENTIN		1 12-3
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A	99999	12524	43-047-33171	Sage Grouse 12A-14-8-22	N. W.					<u> </u>	
ELL 4 C	WARTERS:	C	190113 enti-	ty added. KDR	NWSW	_14_		22E	Uintah	10-3-98	1-12-9
			Fax Note 76		• •		CUV	JFIN	ENTIAL		
	T	To Cris	stin Rizbeck	From Jana Renne!							
		Phone #	L DGYM	Co. Chandley a Back			1		7		
MELL 5 C	COMMENTS:										
		80	1-359-3940	Fax# 970-675-5154						•	
ACTE OF	ORES (See)	ustructions	on back of farm)		-					·	
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D.	- Be-satige	well from a	me existing entity mests section)	i to a new antity				+	Mosture Oper. Super	visor	1-12-99
			mente strilled						Title		Date

(3/85)

MOTE: Use CONMITT section to explain thy each Action Code was relected.

POPM (

ETATE OF UTAH DIVISION OF OIL, GAS AND MINING

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SUNDR	Y NOTICES AND REPOR	TS ON WELLS	& S holids, Adminis or Topic Harry:
Or has use than have for per Use AF	Published Agreement to brill on despoint	to income phagged and abundance were.	7. UMR Agramment Hame
1. Type of Well: OIL GAB		OIL, GAS AND MINING	& that Home and thompus
S. Harris of Operation		O'LIN, COLOR	DESERT SPRINGS #3-2
	RAGON ENERGY PARTNERS,	INC.	43-047-33162
	50, DENVER, CO 80293	(303) 296-9402	LONE MOUNTAIN (GREEN RIVE
	1669' FWL ON 29, T10s - R18E	•	UINTAH UTAH
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NOT	ICE OF MIENT	stikasoj	JENT REPORT
☐ Abendon ☐ Repair Casing ☐ Change of Plans ☐ Convert to injection ☐ Fracture Treat or Anidtine ☐ Multiple Completion ☐ Other	New Construction Pull or Alter Casing Recomplete Reperfecte Vent or Place Weber Stud-Off	Abenden * Repair Gasing Change of Plans Convert to injection Freeture Treat or Acidiae CHANGE OF OP	☐ New Construction ☐ Pull or Alter Casing ☐ Reperiorate ☐ Verst or Place ☐ Water Shus-Of
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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office 170 South 500 East Vernal, Utah 84078-2799 http://www.blm.gov/utah/vernal

Phone: (435) 781-4400 Fax: (435) 781-4410

IN REPLY REFER TO: 3162.3 UT08300

June 23, 2000

Pendragon Energy Partners, Inc. 621 17th Street, Ste 750 Denver, CO 80293

Re:

Well No. Desert Spring 3-29-10-18

NWNE, Sec. 29, T10S, R18E

Lease UTU-74836 Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Pendragon Energy Partners, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1167, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Leslie Crinklaw of this office at (435) 781-4410.

Sincerely

Ed Forsman

Petroleum Engineer Minerals Resources

ec: Division Oil, Gas & Mining

RECEIVED

JUL 0 3 2000

DIVISION OF OIL, GAS AND MINING

STATE OF UTAH DEPARTMENT OF COMMERCE

REGISTRATION

PENDRAGON RESOURCES II, L.P.

EFFECTIVE 01/20/2006 EXPIRATION *RENEWAL

REFERENCE NUMBER(5), CLASSIFICATION(S) & DETAIL(6)

Limited Partnership - Foreign 3106986-0181

C T CORPORATION SYSTEM PENDRAGON RESOURCES II, L.P. 1209 ORANGE ST Wilmington DE 19801

STATE OF UTAH DEPARTMENT OF COMMERCE DIVISION OF CORPORATIONS & COMMERCIAL CODE

REGISTRATION

EFFECTIVE DATE: 01/20/2000

EXPIRATION DATE: *RENEWAL

ISSUED TO: PENDRAGON RESOURCES II, L.P.



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

3106986-0181

Limited Partnership - Forcign

*RENEWAL

You will need to renew your registration each anniversary date of the effective date.

Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.

Trademarks renew every ten (10) years from the effective date.



CHANDLER & ACCOCIATES, INC.

475 17TH ST. • SUITE 1000 • DENVER, COLORADO 80202 • 303 295-0400 FAX 303 295-0222 OIL & GAS EXPLORATION AND PRODUCTION

Mr. Jim Thompson Department of Natural Resources Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Fax: 801-539-3940

Subject: Resignation of Operator, West River Bend Project Area

Effective January 31, 2000, Chandler & Associates, LLC resigned as Operator under the West River Bend Project Area. Pendragon Energy Partners Inc. shall be the new Operator of the April 1, 1997 JOA.

Wells included in the West River Bend project Area:

ENTITY	WELL NAME	WELL#	LOCATION	FIELD NAME
12496	DESERT SPRING	#16-19-10-18	SESE 19, 10S-18E	DESERT SPRING
12523	DESERT SPRING	#3-29-10-18	NWNE 29, 10S-18E	DESERT SPRING
12248	UTD WALTON	#26-03	NENW 26, 9S-16E	MONUMENT BUTTE
12003	FLU KNOLLS FED.	#23-3	NESW 3, 10S-18E	UTELAND BUTTE
11468	DESERT SPRINGS FED.	#20-1	NESW 20, 10S-18E	WILDCAT
	DESERT SPRING	#7-30-10-18	SWNE 30, 10S-18-E	WILDCAT
12497	W. DESERT SPRING	#11-20	NESW 20, 10S-17E	WILDCAT
12497	W. RIVER BEND	#16-17-10-17	SESE 17, 10S-17E	WILDCAT
12497	W. RIVER BEND	#3-12-10-15	NENW 12, 10S-15E	WILDCAT
12497	WILKIN RIDGE	#13-23	SWSW 23, 10S-16E	WILDCAT
	12496 12523 12248 12003 11468 12497 12497 12497	12496 DESERT SPRING 12523 DESERT SPRING 12248 UTD WALTON 12003 FLU KNOLLS FED. 11468 DESERT SPRINGS FED. DESERT SPRING 12497 W. DESERT SPRING 12497 W. RIVER BEND 12497 W. RIVER BEND	12496 DESERT SPRING #16-19-10-18 12523 DESERT SPRING #3-29-10-18 12248 UTD WALTON #26-03 12003 FLU KNOLLS FED. #23-3 11468 DESERT SPRINGS FED. #20-1 DESERT SPRING #7-30-10-18 12497 W. DESERT SPRING #11-20 12497 W. RIVER BEND #16-17-10-17 12497 W. RIVER BEND #3-12-10-15	12496 DESERT SPRING #16-19-10-18 SESE 19, 10S-18E 12523 DESERT SPRING #3-29-10-18 NWNE 29, 10S-18E 12248 UTD WALTON #26-03 NENW 26, 9S-16E 12003 FLU KNOLLS FED. #23-3 NESW 3, 10S-18E 11468 DESERT SPRINGS FED. #20-1 NESW 20, 10S-18E DESERT SPRING #7-30-10-18 SWNE 30, 10S-18-E 12497 W. DESERT SPRING #11-20 NESW 20, 10S-17E 12497 W. RIVER BEND #16-17-10-17 SESE 17, 10S-17E 12497 W. RIVER BEND #3-12-10-15 NENW 12, 10S-15E

Please advise should you require more specific information.

Thanks, Tom Taylor

CC: Pendragon Energy Partners Inc.

RECEIVED

JUN 3 0 2000

DIVISION OF OIL, GAS AND MINING

Division of	Oil, Gas	and N	Mining
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OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

KOUTING:	
	4-KAS
2-CDW	5-SJ
3-JLT	6-FILE

V	Change	of Operator	/XX/AII	CALAN	
А.	Change	of Operator	(weii	201a)	1

Designation of Agent

Operator Name Change Only

Merger

TO:(New Operator) Address:	PENDRAGON ENERGY PARTNER 621 17 TH STREET, STE 750 DENVER, CO 80293 Phone: 1-(303)-296-9402 Account No. N2965	<u>ss inc</u> FRO	٠ .	ress: <u>47.</u> <u>DE</u> <u>TO</u> Pho	5 17 TH S NVER, M TAY one: <u>1-(</u>	DLER & ASSOC TREET, STE 1000 CO 80202 LOR 303)-295-0400 [o. N3320	
						1.0020	
WELL(S):	CA Nos.	_ or		_ Unit			
	RING 11-20 API: 43-013-32088	Entity: <u>1249</u>		T <u>10S</u>		_Lease: <u>U-75083</u>	
Name: <u>UTD WALTON</u>		Entity: <u>1224</u>		T 09S		_Lease: <u>UTU-678</u>	
	G 16-19-10-18 API: 43-047-33164	Entity: 1249			R 18E	Lease: <u>U-74408</u>	
	IG 3-29-10-18 API: 43-047-33162	Entity: 1252		T 10S		Lease: <u>U-74836</u>	
	FEDERAL 23-3 API: 43-047-32754	Entity: 1200		T 10S		Lease: <u>U-68620</u>	
Name: DESERT SPRIN	••	Entity: 1146		T 10S		Lease: <u>U-64420</u> Lease: U-74408	
Name: DESERT SPRIN	G 7-30-10-18 API: 43-047-33163	Entity:	S <u>30</u>	1_105_	_R <u>18E</u>	Lease <u>U-744Uc</u>	,
<u>YES</u> 2. (R649	9-8-10) Sundry or other legal docume	entation has be	en received f	rom the	FORM	ER operator on	6-30-00
<u>YES</u> 3. (R649	9-8-10) Sundry or other legal docume	entation has be	en received f	rom the	NEW o	perator on 2-28	<u>3-00</u> .
if the Yes/N	ew company has been looked up in to new operator above is not currently. No If yes, the company file number is ew operator on	operating any	wells in Utah	. Is the	operato	r registered with	the State?
	ral and Indian Lease Wells. The B ge for all wells listed above involving		• -		_	nme change or op	erator
	ral and Indian Units. The BLM or involving unit operations on			ıccessor	of unit	operator for all	wells listed
<u>N/A</u> 7. Fede	ral and Indian Communitization A	groomonts (66	CA"\ The B	I M or f	he RIA	has approved the	onerator

<u>N/A</u> 8.	Underground Injection Control ("UIC") Program. The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed
	above.
<u>YES</u> 9.	Changes have been entered in the Oil and Gas Information System for each well listed on 7-6-00.
<u>YES</u> 10.	Changes have been included on the Monthly Operator Change letter on 7-6-00.
STATE BO	OND VERIFICATION
<u>N/A</u> 1.	State Well(s) covered by Bond No
FEE WEL	LS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION
<u>N/A</u> 1.	(R649-3-1) The NEW operator of any fee lease well(s) listed above has furnished a proper bond.
<u>N/A</u> 2.	A copy of this form has been placed in the new and former operator's bond files on
<u>N/A</u> 3.	The FORMER operator has requested a release of liability from their bond as of todays date? If yes, Division response was made to this request by letter dated (see bond file).
<u>N/A</u> 4.	(R649-2-10) The Former operator of any Fee lease wells listed above has been contacted and informed by letter dated, of their responsibility to notify all interest owners of this change.
<u>N/A</u> 5.	Bond information added to RBDMS on
<u>N/A</u> 6.	Fee wells attached to bond in RBDMS on
FILMING	
1.	All attachments to this form have been microfilmed on 3.26.0(
FILING	
1.	Originals/Copies of all attachments pertaining to each individual well have been filed in each well file.
2.	The original of this form has been filed in the operator file and a copy in the old operator file.
COMMEN	TS

, *****

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY	ACTION	FORM
---------------	--------	------

Operator:

PENDRAGON ENERGY PARTNERS, INC.

Operator Account Number: N 2965

Address:

621 17TH STREET, STE. 750

city DENVER

zip 80293 state CO

Phone Number: (303) 296-9402

Well 1	Well-	Larne	(0.0)				County
047-33164	DESERT SPRING #1	6-19-10-18	SESE	19	108	18E	UINTAH
Action Code	Current Entity	New Entity	•	pud Da			
	Number	Namber		Seattle			14154
E	12496	1431010					14/04

Comments: EFFECTIVE 9/1/04 PART OF UTELAND BUTTE WATERFLOOD

047-32052	DESERT SPRING#	NESW	20	105	18E	UINTAH	
Action Code	Current Entity Burntler	New Entity Number	* '\$	علم الأمان		FI.	Assilyment (18-18) tele
E	11468	1431010				11,	14/04

eff 9/1/04

	DESERT SPRING #3		NWNE	29	108	18E	UINTAH
Action Code	Garrent Entity Number	New Entity Number		put Da	6/#/		ity Assignment Fredly: Date
E	12523	14366				14	14/04

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

JANEEN FRITTS

ADMIN SECY

Title

(5/2000)

RECEIVED NOV 0 4 2004

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X -	· Change	of Oper	ator (Wo	ell Sold)
------------	----------	---------	----------	-----------

Operator Name Change/Merger

21 Change of Operator (Well Sold)	Operator Hame Change/Weiger									
The operator of the well(s) listed below has chan	12/15/2009									
FROM: (Old Operator):	TO: (New Operator):									
N2965-Pendragon Energy Partners, Inc.				N5085-Questar E&P Company						
468 South Reed St.				1050 1	7th St, Suite	500				
Lakewood, CO 80226				Denver	; CO 80265	;				
DI 1 (202) 204 0402				T1 1 (200)						
Phone: 1 (303) 296-9402				Phone: 1 (303)	672-6900					
CA No.		- 1111		Unit:		UTELAND BU	RV)			
WELL NAME	SEC	TWI	N RNG	API NO	ENTITY	LEASE TYPE		WELL		
SEE ATTACHED LIST		1	1		NO		TYPE	STATUS		
SEE ATTACHED LIST			L		<u> </u>			1		
OPERATOR CHANGES DOCUMENT.	ATI	ON								
Enter date after each listed item is completed										
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived f	from the	FORMER ope	erator on:	12/24/2009				
2. (R649-8-10) Sundry or legal documentation wa				_		12/24/2009	•			
3. The new company was checked on the Departr				_			•	1/20/2010		
4a. Is the new operator registered in the State of U				Business Numl	_	764611-0143				
5a. (R649-9-2)Waste Management Plan has been re	ceive	ed on:		IN PLACE			•			
5b. Inspections of LA PA state/fee well sites compl				1/12/2010	ok per DJJ	ſ				
5c. Reports current for Production/Disposition & S				ok	_					
6. Federal and Indian Lease Wells: The BL			ne BIA l		- e merger, na	ime change.				
or operator change for all wells listed on Federa					BLM	not yet	BIA			
7. Federal and Indian Units:			TOUBOB C			_ 1100 900	DIII	-		
The BLM or BIA has approved the successor	of m	nit one	rator fo	r wells listed on		not yet				
8. Federal and Indian Communization Ag					•	Hot yet	•			
The BLM or BIA has approved the operator f			-	•		n/a				
9. Underground Injection Control ("UIC"		• 115			oved UIC F	orm 5, Transfer	of Author	itv to		
Inject, for the enhanced/secondary recovery un	,	oiect fo				· ·	1/12/2010	•		
DATA ENTRY:		J		, , , , , , , , , , , , , , , , , , ,	(0)		1,12,2010	-		
1. Changes entered in the Oil and Gas Database	on:			1/20/2010						
2. Changes have been entered on the Monthly Op		or Cha	ange Sp	read Sheet on:	-	1/20/2010				
3. Bond information entered in RBDMS on:				1/20/2010	_		•			
4. Fee/State wells attached to bond in RBDMS on	:			1/20/2010	_					
5. Injection Projects to new operator in RBDMS of				1/20/2010	_					
6. Receipt of Acceptance of Drilling Procedures for	or AI	PD/Nev	w on:		n/a					
BOND VERIFICATION:										
1. Federal well(s) covered by Bond Number:				_ESB000024	_					
2. Indian well(s) covered by Bond Number:			_	n/a	_					
3a. (R649-3-1) The NEW operator of any state/fee					umber	965003033				
3b. The FORMER operator has requested a release LEASE INTEREST OWNER NOTIFIC			from tl	neir bond on:	not yet	-				
4. (R649-2-10) The NEW operator of the fee wells			antacted	and informed b	w a lattar fo	om the Division				
of their responsibility to notify all interest owner					n/a	om uic Divisioli				
						_				
COMMENTS:										

Pendragon (N2965) to Questar Exploration Production (N5085)

DESERT SPRINGS 20-1	20	100S	180E	4304732052	14366	FEDERAL	OW	S	UTU-74836
DESERT SPRING 3-29-10-18	29	100S	180E	4304733162		FEDERAL			U-74836
DESERT SPRING 16-19-10-18	19	100S	180E	4304733164	14366	FEDERAL	OW	P	U-74408
FEDERAL 7-19-10-18	19	100S	180E	4304733244	14366	FEDERAL	WS	A	UTU74408
FEDERAL 5-20-10-18	20	100S	180E	4304733245	14366	FEDERAL	WI	Α	UTU74836
FEDERAL 14-17-10-18	17	100S	180E	4304733712	14366	FEDERAL	OW	S	UTU74407
FED 2-20-10-18	20	100S	180E	4304734134	14366	FEDERAL	OW	P	UTU-0182660-A
FED 9-17-10-18	17	100S	180E	4304734135	14366	FEDERAL	WI	A	UTU-77407
DESERT SPRING 7-30-10-18	30	100S	180E	4304734760	14366	FEDERAL	OW	S	U74408
STATE 1-16-10-18	16	100S	180E	4304733807	14366	STATE	OW	P	ML-45175
STATE 3-16-10-18	16			4304734766	+			P	ML 45175
STATE 11-16-10-18	16	100S	180E	4304734767	14366			P	ML 45175

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE

DIV	ISION OF OIL, GAS A			5. LEASE DESIGNATION AND SERIAL NUMBER: U-74836
SUNDRY N	OTICES AND REF	PORTS ON WE	LLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wo	ells, significantly deepen existing we	ils below current bottom-hole de TO DRILL form for such propo	epth, reenter plugged wells, or t sals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL 7	GAS WELL 🔲 (OTHER		8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:				Desert Spring 3-29-10-18
Questar Exploration & Produc	tion Company N5	5085	<u></u>	4304733162
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 I _{CITY} De	anvor (CO _{ZIP} 80265	PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: Uteland Butte
4. LOCATION OF WELL	STATE STATE	ZIP OOZOO	1 (303) 072-0300	Otolano Dutto
FOOTAGES AT SURFACE: 515' FNL,		10S 18E S		COUNTY: Uintah
attoatt, section, township, range, a	TENDORI STANDARDA CARREST	109 (105) (3)		STATE: UTAH
11. CHECK APPROP	PRIATE BOXES TO IN	NDICATE NATURE	OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS CHANGE TUBING	OPERATO	E TREAT ISTRUCTION OR CHANGE D ABANDON	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FOR CONVERT WELL TYPE	PLUG BAC PRODUCT MATIONS RECLAMA		WATER DISPOSAL WATER SHUT-OFF OTHER:
12. DESCRIBE PROPOSED OR COMPL	ETED OPERATIONS. Clearly	show all pertinent details i	ncluding dates, depths, vol	umes etc
Effective 12/15/09 Questar Ex	xploration & Production and conditions of the le	n Company was ap	pointed operator of	
Alan B. Nichol	Date		Jay Neese	Date
President Pendragon Energy Partners, 468 South Reed Street Lakewood, CO 80226	Inc. N2965		Questar E	Vice President xploration and Production Company Street, Suite 500 O 80265
(303) 296-9402				
NAME (PLEASE PRINT) Chad Matney SIGNATURE			Landman	
(This space for State use only)	10 1 1 4 10 1 16 10 1	23		PEGEVED

(5/2000)

APPROVED <u>0/130/30/0</u>

Carlene Russell (Se Division of Oil, Gas and Mining Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DEC 2 4 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for s

(for state use only)

ROUTING	
CDW	

Change of Operator (Well Sold)	X -	Operator	Name Chan	σe						
The operator of the well(s) listed below has char		орегие	6/14/2010	gc						
FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265				TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265						
Phone: 1 (303) 308-3048										
WELL NAME	SEC	TXX	I DNC	Unit:	TENTONY	UTELAND BU				
	SEC	T AAT	1 KUG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
SEE ATTACHED							IIIE	SIATUS		
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed							<u> </u>			
1. (R649-8-10) Sundry or legal documentation wa	is rece	eived f	rom the	FORMER ope	erator on:	6/28/2010				
2. (R649-8-10) Sundry or legal documentation wa						6/28/2010				
 3. The new company was checked on the Departs 4a. Is the new operator registered in the State of U 5a. (R649-9-2)Waste Management Plan has been re 	Jtah:			 Division of Control Business Number Requested 		764611-0143		6/24/2010		
 5b. Inspections of LA PA state/fee well sites complete. 5c. Reports current for Production/Disposition & S 6. Federal and Indian Lease Wells: The BI 	undri	es on:	DIA 1	n/a ok	- - -	_				
 Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal 	ivi and al or I	u or in ndian l	e BIA n	as approved the			DYA			
7. Federal and Indian Units:	11 O1 1	ilulan i	icases o	Ц.	BLM	8/16/2010	BIA	not yet		
The BLM or BIA has approved the successor	of un	it oper	ator for	wells listed on:	•	8/16/2010				
8. Federal and Indian Communization Ag	reem	ents (("CA")) :						
The BLM or BIA has approved the operator f	or all	wells	listed w	ithin a CA on:		N/A				
9. Underground Injection Control ("UIC") Di	vision	has ap	proved UIC F	orm 5 Tran	sfer of Authori	ity to			
Inject, for the enhanced/secondary recovery un	it/pro	ject for	r the wa	ter disposal wel	ll(s) listed o	n:	6/29/2010			
DATA ENTRY: 1. Changes entered in the Oil and Gas Database				C 10 0 10 0 1 0						
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly Op 		r Cha	nge Sn	6/30/2010	-	6/20/2010				
3. Bond information entered in RBDMS on:	ciato	и Спа	nge sp	6/30/2010		6/30/2010				
4. Fee/State wells attached to bond in RBDMS on			•	6/30/2010	•					
5. Injection Projects to new operator in RBDMS o				6/30/2010	-					
6. Receipt of Acceptance of Drilling Procedures for	or AP	D/New	on:		n/a					
BOND VERIFICATION:										
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 			-	ESB000024	•					
3a. (R649-3-1) The NEW operator of any state/fee	well	(c) liet	evon be	965010693		065010605				
3b. The FORMER operator has requested a release					ımber n/a	965010695				
LEASE INTEREST OWNER NOTIFIC	ATI	ON:								
4. (R649-2-10) The NEW operator of the fee wells	has b	een co	ntacted	and informed b	y a letter fro	m the Division				
of their responsibility to notify all interest owner	s of th	nis cha	nge on:	•	n/a					

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) UTELAND BUTTE (GRRV) effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral	type	stat
						lease		
DESERT SPRINGS 20-1	20	100S	180E	4304732052	14366	Federal	OW	P
DESERT SPRING 3-29-10-18	29	100S	180E	4304733162	14366	Federal	OW	P
DESERT SPRING 16-19-10-18	19	100S	180E	4304733164	14366	Federal	OW	P
FEDERAL 14-17-10-18	17	100S	180E	4304733712	14366	Federal	OW	Р
STATE 1-16-10-18	16	100S	180E	4304733807	14366	State	OW	P
FED 2-20-10-18	20	100S	180E	4304734134	14366	Federal	OW	P
DESERT SPRING 7-30-10-18	30	100S	180E	4304734760	14366	Federal	OW	P
STATE 3-16-10-18	16	100S		4304734766	14366	State	OW	P
STATE 11-16-10-18	16	100S	180E	4304734767	14366	State	OW	P

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

		5. LEASE DESIGNATION AND SERIAL NUMBER. See attached		
SUNDRY NOTICES AND REPORTS ON W	ELLS 6. IF INDIAN, ALL See attach	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-ho drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such p		7. UNIT of CA AGREEMENT NAME: See attached		
1 TYPE OF WELL OIL WELL GAS WELL OTHER	l	8. WELL NAME and NUMBER: See attached		
Questar Exploration and Production Company N5085	9. API NUMBER: Attached	1		
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver STATE CO ZIP 80265		10. FIELD AND POOL, OR WILDCAT: See attached		
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached	COUNTY: Atta	ached		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:	UTAH		
TYPE OF SUBMISSION CHECK APPROPRIATE BOXES TO INDICATE NATU	RE OF NOTICE, REPORT, OR OTH	ER DATA		
Approximate date work will start: 6/14/2010 CHANGE TO PREVIOUS PLANS OPER CHANGE TUBING PLUG CHANGE WELL NAME PLUG CHANGE WELL STATUS PROD COMMINGLE PRODUCING FORMATIONS RECL	SIDETRAL ONSTRUCTION TEMPORE TOURING F AND ABANDON SACK WATER D OTHER: O	OBPOSAL CHUT-OFF Operator Name Change Company. This name d. The same All operations will		
NAME (PLEASE PRINT) Morgan Anderson	Regulatory Affairs Analyst			
SIGNATURE MORGALI AND	DATE 6/23/2010			
This space for State use only)				

RECEIVED JUN 2 8 2010

(See Instructions on Reverse Side)

APPROVED 61301 2009
Carleve Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

JUL 2 8 2010

Memorandum

To:

Vernal Field Office, Price Field Office, Moab Field Office Roja L Bankert

From:

Chief, Branch of Minerals

Subject:

Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from Questar Exploration and Production Company into QEP Energy Company is effective June 8, 2010.

cc:

MMS

UDOGM

AUG 1 6 2010

DM OF OL, GAS &